

by turns touching it, and as it were testing it. In the course of a few minutes the lips had closed upon the atom, and it was seen dilating the stomach as it slowly made its way downwards.

Sarcodictyon appears to me to approach very closely to the Helianthoid type. This genus on the one hand, and *Zoanthus* on the other, are probably the links by which the two suborders *Alcyoniaria* and *Actiniaria* are united. I have never had an opportunity of examining *Zoanthus*, but think it probable that isolated calcareous spicula will be found scattered in its tissues.

EXPLANATION OF PLATE IX.

Fig. a. Sarcodictyon catenata: a single polype expanded. Magnified 12 diameters.

Fig. b. The same, of the natural size.

Fig. c. A tentacular pinna. Magnified 85 diameters.

Fig. d. A pinna contracted and crushed flat between the plates of the compressorium. Magnified 250 diameters.

Sandhurst, Torquay, Sept. 27th, 1858.

XXX.—*Characters of some apparently undescribed Ceylon Insects.* By F. WALKER.

[Continued from p. 209.]

Fam. Buprestidæ.

CHRYSOBOTHRYS SUTURALIS. Cupreo-purpurascens, subtus cyaneo-
viridis aureo nitens, frontis lateribus thoracisque margine antico
auratis, elytris basi auratis, sutura cyaneo-*viridi*. Long. 4 lin.

AGRILUS SULCICOLLIS. Nigro-æneus, thorace transverse sulcato,
elytris punctatis foveolatis, lateribus antice emarginatis. Long.
1½ lin.

Fam. Elateridæ.

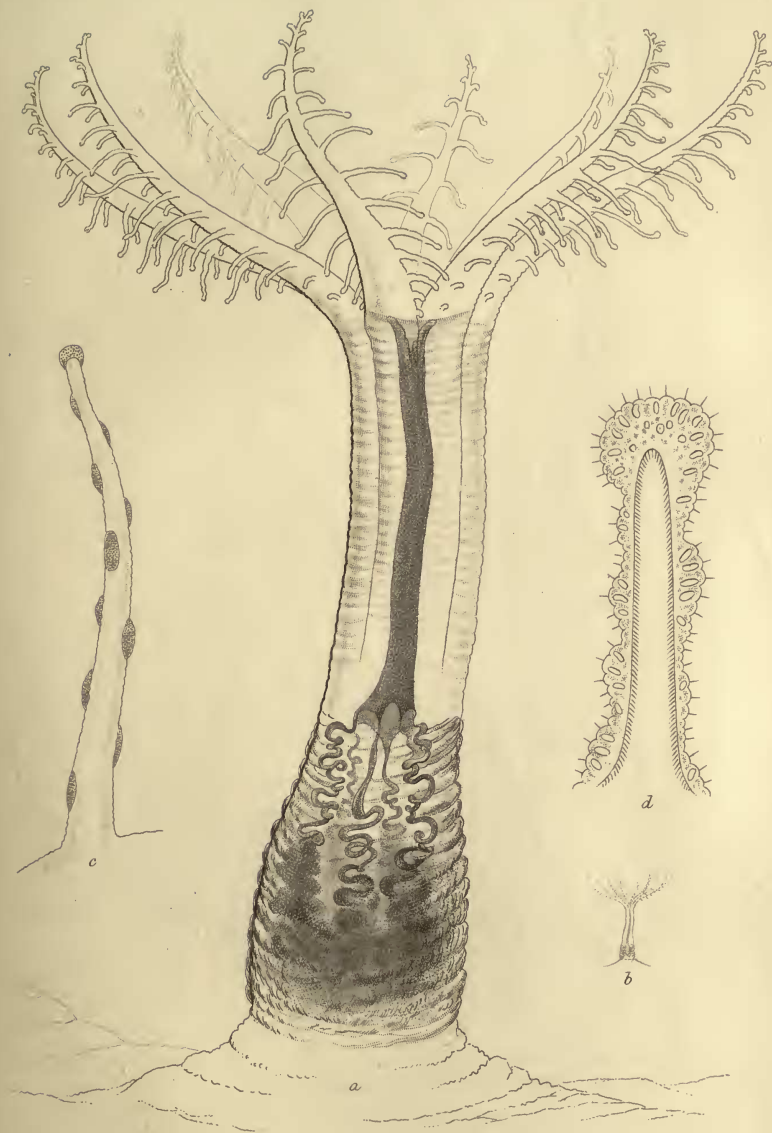
CARDIOPHORUS HUMERIFER. Niger, capite, thorace et elytris basi
rufis, elytris punctato-lineatis, luteo bifasciatis. Long. 3 lin.

CORYMBITES DIVIDENS. Rufa, capite, antennis, thoracis vitta pos-
tice abbreviata, elytrorum triente apicali abdominisque apice nigris.
Long. 3½ lin.

CORYMBITES DIVISA. Rufa, pubescens, capite, antennis, elytrorum
dimidio fere apicali abdomineque nigris. Long. 4½ lin.

ATHOUS PUNCTOSUS. Niger, dense pubescens, capite thoraceque
confertissime punctatis, antennis pedibusque piceis, elytris punctato-
lineatis. Long. 6 lin.

ATHOUS INAPERTUS. Niger, ferrugineo sordido dense tomentosus,
capite thoraceque subtilissime punctatis, elytris punctato-lineatis,
pedibus rufescentibus. Long. 4 lin.



SARCODICTYON CATENATA.



ATHOUS DECRETUS. Niger, capite thoraceque subtilissime punctatis, antennis piceis, thorace latiusculo, angulis posticis peracutis, elytris scitissime punctato-lineatis postice attenuatis, abdomine pedibusque rufescentibus. Long. $4\frac{1}{2}$ lin.

ATHOUS INEFFICIENS. Ferrugineus, pubescens, capite thoraceque piceis subtilissime punctatis, antennis nigris serratis, elytris scite lineatis vix punctatis. Long. $3\frac{1}{2}$ –4 lin.

Genus **LEGNA.**

Caput antice excavatum. Labrum extensum. Palpi breves, clavati. Antennæ ramis septem sat longis; articulus penultimus intus productus; ultimus brevisculus. Elytra subparallela, postice vix angustiora. Tibiæ subclavatæ, subsulcatæ, vix dilatatæ.

LEGNA IDONEA. Rufo-ferruginea, nitens, antennis, tibiis tarsisque nigris, capite thoraceque fere glabris, elytris rufis, scite sulcatis, sulcis subtilissime punctatis. Long. 9 lin.

Genus **HARMATELIA.**

Colophotia affinis. Antennæ maris ramis longis verticillatis.

HARMATELIA DISCALIS. Testacea, antennis, capite thoraceque nigris, thoracis margine testaceo, elytris nigro quadrivittatis. Long. $2\frac{1}{2}$ lin.

HARMATELIA BILINEA. Testacea, antennis pedibusque nigricantibus, thorace rufescente sulcato subdilatato, elytris nigro bivittatis. Long. 3 lin.

Fam. **Lampyridæ.**

LYCUS GEMINUS. Ater, thoracis marginibus dilatatis incisive elytris que apud medium dilatatis sanguineis, antennis dilatatis serratis. Long. 5–6 lin.

LYCUS ASTUTUS. Ater, thorace elytris que sanguineis, thorace carinis tribus dorsalibus (duabus postice) carinaque transversa undulata, elytris inter costas punctatis, triente apicali atra. Long. $4\frac{1}{2}$ – $5\frac{1}{2}$ lin.

LYCUS MELANOPTERUS. Ater, thorace elytris que sanguineis, antennis latissime serratis, elytris pubescentibus linearibus inter costas punctatis, triente apicali atra, alis nigris. Long. 4 lin.

LYCUS FALLAX. Ater, thorace elytris que sanguineis, antennis latis non serratis, elytris postice latioribus vix costatis, fascia lata subapicali atra. Long. 4 lin.

LYCUS PUBICORNIS. Ater, thorace, scutello elytris que sanguineis, antennis pubescentibus latissime pectinatis, elytris linearibus pubescentibus inter costas punctatis, triente apicali atra, costis plurimis. Long. $3\frac{3}{4}$ lin.

LYCUS DUPLEX. Ater, thorace, scutello elytris que sanguineis, antennis latis serratis, elytris linearibus pubescentibus inter costas punctatis, triente apicali atra, costis paucis. Long. $3\frac{1}{2}$ lin.

- LYCUS COSTIFER.** Ater, capite piceo, thorace elytrisque pallide sanguineis, thorace carinis tribus postice duabus, elytris linearibus reticulatis, costis paucis. Long. 3 lin.
- LYCUS REVOCANS.** Ater, thorace, scutello elytrisque pallide sanguineis, antennis pubescentibus latissime pectinatis, elytris linearibus pubescentibus inter costas punctatis apices versus atris. *L. pubicorni* affinis at distinctus. Long. $3\frac{1}{4}$ lin.
- LYCUS DISPELLENS.** Ater, antennis latiusculis, elytris testaceis angustis linearibus inter costas punctatis apices versus atris. Long. 3 lin.
- LYCUS EXPANSICORNIS.** Ater, capite, thorace elytrisque sanguineis, antennis dilatissimis valde serratis corpore multo longioribus, dimidio basali sanguineo, thorace marginato antice angusto, elytris linearibus inter costas punctatis, costis paucis. Long. $3\frac{1}{2}$ lin.
- LYCUS DIVISUS.** Luteo-testaceus, antennis nigris latis breviusculis basi testaceis, thorace latiusculo utrinque impresso, tibiis nigris, elytris cribratis quadricostatis extus subarcuatis apud apices oblique atris. Long. 4 lin.
- LYCUS PLANICORNIS.** Coccineus, antennis nigris compressis basi testaceis, thorace carinato bisulcato lateribus subdilatis, elytris vix dilatatis apice nigris, tibiis tarsisque nigris. Long. 5 lin.
- DICTYOPTERA INTERNEXA,** mas. Atra, thorace abdomineque sanguineis, antennis subserratis, thorace postice latiore, elytris sublinearibus cribratis quadricostatis apice atris. Fœm. Lutescens, antennis breviusculis, thorace angustiore, elytris extus subarcuatis. Long. 4-5 lin.
- LAMPYRIS TENEBROSA.** Fulvescens, subtus ferruginea, oculis maximis nigris, thoracis disco nigro, elytris subtilissime cribratis. Long. $7\frac{1}{2}$ lin.
- LAMPYRIS DIFFINIS.** Testacea, oculis maximis nigris, thoracis disco nigro, elytris nigris subtilissime cribratis basi apiceque testaceis. Long. 6 lin.
- LAMPYRIS LUTESCENS.** Lutescens, oculis maximis atris, thorace fascia antica vitrea, antennis, tibiis, tarsis abdomineque (apice excepto) nigris. Long. 7 lin.
- COLOPHOTIA HUMERALIS.** Fulvo-lutescens, capite ferrugineo, oculis atris, antennis tarsisque nigricantibus, elytris basi apiceque piceis. Long. $4-4\frac{1}{2}$ lin.
- COLOPHOTIA PERPLEXA.** Testacea, capite, oculis elytrisque apice atris, abdominis apice pallido, antennis tarsisque nigricantibus. Long. $4-4\frac{1}{2}$ lin.
- COLOPHOTIA INTRICATA.** Testacea, abdominis apice pallidiore, capite ferrugineo, oculis atris, elytris apice piceis, antennis tarsisque nigricantibus. Long. 3 lin.
- COLOPHOTIA EXTRICANS.** Testacea, capite, antennis, thoracis plaga subquadrata, scutello, elytrorum tridente apicali, pectore postico,

abdomine pedibusque posterioribus nigris, abdominis apice albido. Long. 3-3½ lin.

Fam. Telephoridæ.

TELEPHORUS DIMIDIATUS, *Fabr.?* Testaceus, elytris dimidio apicali nigro-cyaneo, antennis tibiisque posticis nigris basi testaceis, abdomine tarsisque nigris. Long. 4-4½ lin.

TELEPHORUS MALTHINOIDES. Ater, nitens, antennis subserratis, thorace luteo. *Fcem.* Elytris non nitidis. Long. 2 lin.

Fam. Melyridæ.

MALACHIUS? PLAGIATUS. Ater, elytris rufis cribratis, basi, apice plagisque duabus cyaneo-atris. Long. 1½ lin.

MALTHINUS PROFICIENS. Niger, capite, antennis basi, thorace pedibusque testaceis, thorace nonnunquam nigricante. Long. 1 lin.

ENICOPUS? FUSIFORMIS. Ater, nitens, subfusiformis, dense pubescens, elytris punctato-lineatis. Long. 1¼ lin.

Fam. Cleridæ.

NECROBIA ASPERA. Purpureo-cyanea, dense pubescens, antennis rufis apice nigris, pedibus rufis, elytris rude punctato-costatis. Long. 2 lin.

Fam. Ptinidæ.

PTINUS LEMOIDES. Fulvus, subpubescens, antennis nigricantibus, dimidio basali testaceo, thorace piceo. Long. 1½ lin.

Fam. Diaperidæ.

DIAPERIS VELUTINA. Nigra, velutina, ore fulvescente, antennis piceis basi ferrugineis, corpore subtus pedibusque piceis aut ferrugineis. Long. 2½-3 lin. Platydera

Fam. Tenebrionidæ.

ZOPHOBAS CLAVIPES. Ater, capite linea transversa arcuata impressa, thorace subtilissime et confertissime punctato, elytrorum lineis impressis bene determinatis, rugulis transversis. *Mas.* Thorace vix nitente, tibiis anterioribus apice dilatatis et angulatis, posticis arcuatis. *Fcem.* Thorace opaco. Long. 7-8 lin. Pseudotsela

ZOPHOBAS? SOLIDUS. Ater, oblongus, capite subtilissime punctato, thorace conferte punctato, elytris tuberculato-lineatis. Long. 3½ lin.

UPIS IMPRESSA. Atra, nitens, capite punctato, thorace subobsolete unisulcato, elytris e punctis sat magnis octo-lineatis, femoribus clavatis. Long. 8 lin. Pseudotsela

TENEBRIO RETENTA. Atra, thorace subnitente subtilissime punctato, elytrorum lineis impressis bene determinatis. Long. 5 lin. Pseudotsela

Fam. Opatridæ.

ep. holum
OPATRUM CONTRAHENS. Nigrum, supra subtilissime punctulatum et fusco tomentosum, elytrorum lineis impressis sat bene determinatis. Long. 4 lin.

do
OPATRUM BILINEATUM. Nigrum, præcedente angustius, supra subtilissime punctulatum et fusco tomentosum, thorace foveis duabus parallelis, elytrorum lineis impressis sat bene determinatis. Long. $3\frac{1}{2}$ –4 lin.

do
OPATRUM PLANATUM. Nigrum, præcedente angustius, supra subtilissime punctulatum et fusco tomentosum, elytrorum lineis impressis sat bene determinatis. Long. 3 lin.

gemerus
OPATRUM SERRICOLLE. Piceo-nigrum, thorace scabro, lateribus denticulatis, elytris subpunctatis, costis quatuor bene determinatis. Long. $2\frac{1}{2}$ lin.

1
base
ASIDA HORRIDA. Ferrugineo-fusca, subtus nigra, thorace elytrisque cribratis tuberculatis et cristatis, marginibus serratis, thorace utrinque profunde inciso. Long. $2\frac{1}{2}$ lin.

derma
CRYPTICUS DETERSUS. Niger, subopacus, ore tarsisque subtus ferrugineis, thorace lævi postice utrinque subimpresso, elytris distincte punctato-lineatis. Long. $3\frac{1}{2}$ lin.

rotius
CRYPTICUS LONGIPENNIS. Niger, nitens, thorace subtilissime punctato, elytris subopacis, lineis punctato-lineatis postice bene determinatis. Long. 3 lin.

do
PHALERIA RUFIPES. Nigra, nitens, ore antennisque piceis, thorace subtilissime punctato, elytris apice piceis, lineis bene determinatis, pedibus rufis. Long. $2\frac{1}{2}$ lin.

tracias
TOXICUM OPPUGNANS. Atrum, subopacum, thorace sublævi, elytris distincte punctato-lineatis. *Mas.* Capite cornubus duobus porrectis longis aut breviusculis. *Fœm.* Capite bituberculato. Long. $3\frac{1}{2}$ –4 lin.

antes
TOXICUM BILUNA. *Mas.* Atrum, cribratum, tuberculoso-scabrum, thorace cornubus duobus porrectis arcuatis scabris. Long. 3 lin.

ona
ULOMA SCITA. Badia, nitens, thorace subtilissime punctato, elytrorum lineis punctatis scitissime determinatis. Long. $3\frac{1}{2}$ lin. *Mas.* Thorace antice impresso.

ulla
ALPHITOPHAGUS SUBFASCIA. Ater, nitens, antennis ferrugineis, elytris impresso-lineatis, fasciis duabus angulatis luteis, 1^a antica interrupta, 2^a apicali. Long. $1\frac{1}{2}$ lin.

Fam. Helopidæ.

Genus OSDARA.

Sphæroto similis. Corpus subovatum, crassum, convexum. Caput transverse impressum. Palpi securiformes. Antennæ subelavatae, corporis dimidio breviores, articulis apices versus breviori-